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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sidney M. Bennett

Serial No.: 09/998,944

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Title: *Angle Random Walk (ARW) Noise Reduction in Fiber Optic Sensors Using an Optical Amplifier*

Atty. Docket No.: KVC-051.01

Examiner: To be Assigned

Group Art Unit: 2877

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January 10, 2002

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Kristen Willett

Kristen Willett

PRELIMINARY AMENDMENT

Pursuant to 37 C.F.R. 1.121(b)(1), please replace the following paragraphs in the specification with the following replacement paragraphs. A marked-up version of the specification is provided following the replacement paragraphs. The replacement paragraphs clarify the application by correcting typographical and grammatical errors and by correcting inconsistencies in the specification. The replacement paragraphs contain no new matter.

Replacement Paragraphs in Specification:

Replace title with the following:

A1
Angle Random Walk (ARW) Noise Reduction in Fiber Optic Sensors Using an Optical Amplifier

Replace first paragraph on page 1, in the Field section with the following:

This invention generally relates to fiber optic sensors, and more specifically to using optical amplifiers to improve Angle Random Walk noise in fiber optic sensors by increasing the optical power at a detector of the fiber optic sensor.

Conclusion

In view of the above amendments and remarks, it is believed that the application is in better form for examination. If a telephone conversation with Applicants' attorney would expedite prosecution of the above-identified application, the Examiner is urged to contact the undersigned at (617) 832-1175.

Respectfully submitted,
Patent Group

Date: January 10, 2002

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